

TITLE: INLINE FILTER RESISTORS

ABSTRACT OF THE INVENTION

A shorted resistive block formed in line with at least one trace of a plurality of a top metal layer includes a plurality of resistors with a removable shorting link coupled across the resistive block. The resistive block comprises one of a plurality of series coupled shorted resistors and a shorted plurality of parallel coupled resistors. If harmonic interference needs to be reduced, a short is removed and the resistive block is operably coupled to parasitic capacitance thereby creating an R-C filter. The real performance is re-evaluated after removing the short. If the re-evaluation determines a desired R-C filter value should be increased, the resistance of the resistive block is increased by opening a shorting link. In the series configured resistive block, resistance is increased by removing a short across a resistor. In the parallel configuration, the resistance is increased by cutting a removable link coupled in series with each resistor.